

express mail ED 277297237 US

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substantive ADF 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Shee

1

of 3

Complete if Known

Application Number	10/632,387
Filing Date	08-01-2003
First Named Inventor	Barnes et al.
Art Unit	3737
Examiner Name	
Attorney Docket Number	13265 [22194(1)]

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	T ⁶	
JW	A6	WO 98/38907	09-11-1998	Boppert et al.	
JW	A7	WO 01/34031 A1	05-17-2001	Bambot et al.	

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **Applicant's unique citation designation number (optional).** ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language

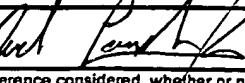
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/632,387
				Filing Date	08-01-2003
				First Named Inventor	Barnes et al.
				Art Unit	3737
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	13265 22194(1)

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	B1	ANDERSON, PETER E. et al.; Local Diffuse Reflectance; Peter E. et al.; Local Diffuse Reflectance From Three-Layered Skin Tissue Structures; SPIE Vol. 2979; pp 515-526		
	B2	Bruylants, J.T. et al.; Optical Properties of Phantoms and Tissue Measured in vivo from 0.9-1.3μm Using Spatially Resolved Diffuse Reflectance; SPIE Vol. 2979; pp 325-334		
	B3	Choo-Smith, L.P. et al.; Medical Applications of Raman Spectroscopy: From Proof of Principle to Clinical Implementation; Biopolymers (Biospectroscopy), Vol. 67; pp 1-9; 2002		
	B4	Georgakoudi, Irene et al.; Fluorescence, Reflectance, and Light-Scattering Spectroscopy For Evaluating Dysplasia in Patients With Barrett's Esophagus; Gastroenterology; 2001; PP 1620 - 1629		
	B5	Liu, C.H. Et al.; Raman, fluorescence, and time-resolved light scattering as optical diagnostic techniques to separate diseased and normal biomedical media; J. Photochem. Photobiol. B: biol., 16; 1992; pp 187-209		
	B6	Koenig, Frank et al.; Spectroscopic Measurement of Diffuse Reflectance For Enhanced Detection of Bladder Carcinoma; Urology 51 (2); 1998; pp 342-345		
	B7	Nickell, Stephan et al.; Anisotropy of light propagation in human skin; Phys. Med. Biol. 45; 2000; pp 2873-2886		
	B8	Palmer, Gregory M. et al.; Optimal Methods for Fluorescence and Diffuse Reflectance Measurements of Tissue Biopsy Samples; Lasers in Surgery and Medicine; 2002; pp 1-10		
	B9	Parker, Mary et al.; Hyperspectral Diagnostic Imaging of the Cervix; Report on a New Investigational Device; J. of Lower Genital Tract Disease; Vol. 4 No. 3; 2000; pp 119-124		
	B10	Richards-Kortum, Rebecca et al.; Quantitative Optical Spectroscopy For Tissue Diagnosis; Annu Rev. Phys. Chem.; 1996; 47; pp 555-606		

Examiner Signature		Date Considered	1/25/07
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>		Complete if Known	
		Application Number	10/632,387
		Filing Date	08-01-2003
		First Named Inventor	Barnes et al.
		Art Unit	3737
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	
		13265 [22194(1)]	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	1/25/07
--------------------	---	-----------------	---------

**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.